

# BRITISH HEART JOURNAL

CURR. LIST MED. LIT.

*Editor***K. SHIRLEY SMITH***Consulting Editor***MAURICE CAMPBELL***Assistant Editors***IAN HILL****G. W. HAYWARD****PATRICK MOUNSEY****JOHN GOODWIN**

APPOINTED BY THE BRITISH CARDIAC SOCIETY

## CONTENTS

	PAGE
<b>Acetylcholine and the Pulmonary Circulation in Mitral Valvular Disease.</b> By BROR SÖDERHOLM AND LARS WERKÖ	1
<b>Constrictive Pericarditis.</b> By T. M. D. GIMLETTE	9
<b>Tomography of Calcified Aortic and Mitral Valves.</b> By PAGET DAVIES AND N. L. BUCKY	17
<b>Electrocardiographic Changes during Positive Acceleration.</b> By M. K. BROWNE AND J. T. FITZSIMONS	23
<b>Observations on Hypoxic Pulmonary Hypertension.</b> By W. C. BOAKE, RAYMOND DALEY, AND I. K. R. McMILLAN	31
<b>The Incidence of Congenital Heart Disease in Children Born in Gothenburg 1941-1950.</b> By LARS-ERIK CARLGREN	40
<b>Some Possible Causes of Congenital Heart Malformation.</b> By G. E. H. FOXON	51
<b>The Genetics of Congenital Heart Disease and Situs Inversus in Sibs.</b> By MAURICE CAMPBELL	65
<b>Primary Pulmonary Hypertension in Three Sibs.</b> By P. N. COLEMAN, A. W. B. EDMUNDS, AND J. TREGILLUS	81
<b>Post-partum Heart Disease.</b> By AARON BURLAMAQUI BENCHIMOL, RAYMUNDO DIAS CARNEIRO, AND PAUL SCHLESINGER.	89
<b>Congenital Diverticulum of the Left Ventricle.</b> By J. B. LOWE, J. C. P. WILLIAMS, D. ROBB, AND D. COLE.	101
<b>A Stable Cuvette of High Sensitivity for Indicator Dilution Curves.</b> By JOHN NORMAN	107
<b>The Effect of Thyrotoxicosis on the Electrocardiogram.</b> By GERALD SANDLER	111
<b>The Myocardial Factor in Mitral Valve Disease.</b> By H. A. FLEMING AND PAUL WOOD	117
<b>Tricuspid Incompetence Following Successful Mitral Valvotomy.</b> By PATRICK MOUNSEY	123
<b>Polythelia in Cardio-arterial Disease.</b> By WILLIAM EVANS	130
<b>Sir Arnold Stott</b>	137
<b>Case Reports</b>	
<b>Dissecting Aneurysm of the Aorta Associated with Congenital Pulmonary Valvular Stenosis.</b> By BYRON EVANS AND T. M. DAUNCEY	139
<b>Cardiac Involvement in Erythema Nodosum Associated with Pulmonary Tuberculosis.</b> By J. W. B. FORSHAW	142
<b>Idiopathic Myocarditis Involving the Bundle of His.</b> By TADEUSZ TLUSTY	145

LONDON

BRITISH MEDICAL ASSOCIATION

TAVISTOCK SQUARE, W.C.1

# CONTENTS OF VOLUME XXI

	Number 1	Page
ACETYLCHOLINE AND THE PULMONARY CIRCULATION IN MITRAL VALVULAR DISEASE	By Bror Söderholm and Lars Werkö	1
CONSTRUCTIVE PERICARDITIS	By T. M. D. Gimlette	9
TOMOGRAPHY OF CALCIFIED AORTIC AND MITRAL VALVES	By Paget Davies and N. L. Bucky	17
ELECTROCARDIOGRAPHIC CHANGES DURING POSITIVE ACCELERATION	By M. K. Browne and J. T. Fitzsimons	23
OBSERVATIONS ON HYPOXIC PULMONARY HYPERTENSION	By W. C. Boake, Raymond Daley, and I. K. R. McMillan	31
THE INCIDENCE OF CONGENITAL HEART DISEASE IN CHILDREN BORN IN GOTHENBURG 1941-1950	By Lars-Erik Carlgren	40
SOME POSSIBLE CAUSES OF CONGENITAL HEART MALFORMATION	By G. E. H. Foxon	51
THE GENETICS OF CONGENITAL HEART DISEASE AND SITUS INVERSUS IN SIBS	By Maurice Campbell	65
PRIMARY PULMONARY HYPERTENSION IN THREE SIBS	By P. N. Coleman, A. W. B. Edmunds, and J. Tregillus	81
POST-PARTUM HEART DISEASE	By Aaron Burlamaqui Benchimol, Raymundo Dias Carneiro, and Paul Schlesinger	89
CONGENITAL DIVERTICULUM OF THE LEFT VENTRICLE	By J. B. Lowe, J. C. P. Williams, D. Robb, and D. Cole	101
A STABLE CUVETTE OF HIGH SENSITIVITY FOR INDICATOR DILUTION CURVES	By John Norman	107
THE EFFECT OF THYROTOXICOSIS ON THE ELECTROCARDIOGRAM	By Gerald Sandler	111
THE MYOCARDIAL FACTOR IN MITRAL VALVE DISEASE	By H. A. Fleming and Paul Wood	117
TRICUSPID INCOMPETENCE FOLLOWING SUCCESSFUL MITRAL VALVOTOMY.	By Patrick Mounsey	123
POLYTHELIA IN CARDIO-ARTERIAL DISEASE	By William Evans	130
SIR ARNOLD STOTT		137
CASE REPORTS		139
Number 2		
THE ANOMALOUS ORIGIN OF THE LEFT CORONARY ARTERY FROM THE PULMONARY ARTERY	By John D. Keith	149
RADIOLOGICAL FEATURES OF SYPHILITIC AORTIC INCOMPETENCE	By W. G. Smith and J. C. Leonard	162
ENDOMYOCARDIAL FIBROSIS IN THE CEYLONESE	By N. Nagaratnam and R. V. P. Dissanayake	167
MITRAL RESTENOSIS	By G. C. Patterson and J. R. Marshall	174
FURTHER OBSERVATIONS ON COUPLED EXTRASYSTOLES AND AUTOMATIC VENTRICULAR RHYTHMS	By A. Schott and D. Scherf	177
PULMONARY VASCULAR CHANGES IN A DOG AFTER AORTO-PULMONARY ANASTOMOSIS FOR FOUR YEARS	By Donald Heath, David E. Donald, and Jesse E. Edwards	187
THE LESS COMMON FORMS OF PULMONARY HYPERTENSION	By William Evans	197
HEART FAILURE IN PATIENTS WITH HIGH BLOOD PRESSURE	By J. N. Mickerson	218
SPONTANEOUS CAPILLARY PULSATION IN COMPLETE HEART BLOCK	By G. A. MacGregor	225
ENDOCARDIAL FIBRO-ELASTOSIS IN ADOLESCENTS AND ADULTS	By F. S. P. Van Buchem, A. Arends, and E. A. Schröder	229
THE HEART LUNG COEFFICIENT IN OLDER PEOPLE	By Nairn R. Cowan	238
DEVELOPMENT OF VALVULAR LESIONS IN METASTATIC CARCINOID DISEASE	By Ake Thorson and Olof Nordenfelt	243
AMISOMETRADINE (ROLICTON) IN THE TREATMENT OF CONGESTIVE HEART FAILURE	By Margaret M. Platts	249
STUDIES IN PULMONARY HYPERTENSION IN CONGENITAL HEART DISEASE	By Howard B. Burchell	255
UNEXPLAINED ELECTROCARDIOGRAMS IN THE AFRICAN	By S. J. Powell	263
HUNTER'S POLYDYSTROPHY (GARGOYLISM) WITH CARDIAC LESIONS AND SOME FORMES FRUSTES	By R. E. Steen	269
EFFECT OF DOISYNOLIC ACID ON EXPERIMENTAL ATHEROMA IN THE COCKEREL	By R. S. F. Campbell, T. D. V. Lawrie, J. C. MacLaurin, and R. Pirrie	275
ASPECTS OF PULMONARY BLOOD FLOW IN ATRIAL SEPTAL DEFECT	By Lawson McDonald, Richard Emanuel, and Malcolm Towers	279
JAMES WILLIAM BROWN		284
CASE REPORT		289

### Number 3

	Page
THE CLINICAL USES OF OXIMETRY	By Malcolm B. McIlroy 293
A CLINICAL TRIAL OF PENTA-ERYTHRITOL TETRANITRATE, A KHELLIN DERIVATIVE (RECORDIL), AND IPRONIAZID IN ANGINA OF EFFORT	By H. A. Dewar, A. R. Horler, and D. J. Newell 315
IPRONIAZID IN THE TREATMENT OF ANGINA OF EFFORT	By P. J. D. Snow and D. E. Anderson 323
ANNULAR CONSTRICTIVE PERICARDITIS	By Patrick Mounsey 325
EFFECT OF DIGOXIN ON THE CIRCULATION IN NORMAL MAN	By Arthur Selzer, H. N. Hultgren, C. L. Ebnother, H. W. Bradley, and A. O. Stone 335
THE SIGNIFICANCE OF CHANGES IN THE ELECTROCARDIOGRAM IN HYPOTHERMIA	By D. Emslie-Smith, G. E. Sladden, and G. R. Stirling 343
MEASUREMENT OF THE ERROR IN WILSON'S CENTRAL TERMINAL	By G. E. Dower, J. A. Osborne, and A. D. Moore 352
HYPERTENSION AND UNILATERAL RENAL DISEASE TREATED BY NEPHRECTOMY	By D. M. Douglas, K. G. Lowe, and R. G. Mitchell 361
CARCINOID HEART DISEASE	By John Cosh, J. E. Cates, and D. W. Pugh 369
PERSISTENCE OF RIGHT VENTRICULAR HYPERTROPHY FOLLOWING MITRAL VALVOTOMY	By R. V. R. Rodriguez Torres, J. Mackinnon, E. G. Wade, and C. F. H. Vickers 381
ASSESSMENT OF MITRAL VALVE DISEASE BY LEFT HEART CATHETERIZATION	By Ernest W. Hancock 389
MEASUREMENT OF CARDIAC OUTPUT USING A RADIOISOTOPE AND A SCINTILLATION COUNTER	By W. A. Seldon, J. B. Hickie, and E. P. George 401
HIGH CHEST LEADS AND MINOR MYOCARDIAL INFARCTIONS	By Hugo Roesler 407
VALVOTOMY AS A CURATIVE OPERATION FOR SIMPLE PULMONARY STENOSIS	By Maurice Campbell 415
HYPERTROPHIC INFUNDIBULAR STENOSIS COMPLICATING SIMPLE PULMONARY VALVE STENOSIS	By A. M. Johnson 429
RAYMOND DE VIEUSSSENS ON MITRAL STENOSIS	By C. E. Kellett 440

### Number 4

THE ELECTROCARDIOGRAM OF ALCOHOLIC CARDIOMYOPATHY	By William Evans 445
PRÆCORDIAL PULSATIONS IN RELATION TO CARDIAC MOVEMENT AND SOUNDS	By Patrick Mounsey 457
THE ATRIAL SOUND AND THE ATRIAL COMPONENT OF THE FIRST HEART SOUND	By Priscilla Kincaid-Smith and John Barlow 470
THE ATRIAL SOUND IN HYPERTENSION AND ISCHÆMIC HEART DISEASE	By Priscilla Kincaid-Smith and John Barlow 479
PROPERTIES AND BIOLOGICAL BEHAVIOUR OF COOMASSIE BLUE	By S. H. Taylor and J. M. Thorp 492
CLINICAL APPLICATIONS OF COOMASSIE BLUE	By S. H. Taylor and J. P. Shillingford 497
A TWIN OSCILLOSCOPIC VECTORCARDIOGRAPH	By A. J. V. Cameron, T. D. V. Lawrie and J. H. Wright 505
UNEXPLAINED HEART FAILURE IN THE AGED	By G. A. Rose and R. R. Wilson 511
RUPTURE OF AORTIC ANEURYSMS INTO THE GUT	By G. A. Gresham and H. R. M. Johnson 518
THE CARDIOGRAM OF CONGENITAL AND ACQUIRED RIGHT VENTRICULAR HYPERTROPHY	By J. F. Goodwin and Z. H. Abdin 523
THE PATHOGENESIS OF INFARCTION OF THE RIGHT VENTRICLE	By W. G. Wade 545
CONGENITAL KINKING OF THE AORTIC ARCH	By J. N. Pattison and R. G. Grainger 555
PERFORATION OF THE INTERVENTRICULAR SEPTUM IN MYOCARDIAL INFARCTION	By J. M. Swithinbank 562
CASE REPORTS	567
JOHN HAY	By Maurice Campbell and E. Wyn Jones 573
PROCEEDINGS OF THE BRITISH CARDIAC SOCIETY	578
ABSTRACTS OF CARDIOLOGY	586
INDEX	593